BRUHAT BANGLORE MAHANAGARA PALIKE

DASARAHALLI-ZONE

T.DASARAHALLI-SUB-DIVISION.

Name of Work: *Re-Construction of at Drains at 1st Main Road Kirloskar layout in Ward No 14*

Estimate Cost :- 20.00 Lakhs

BRUHAT BANGALORE MAHANAGARA PALIKE

DASARAHALLI ZONE

Name of Work :- *Re-Construction of at Drains at 1st Main Road Kirloskar layout in Ward No 14 Bagalagunte*

			Est. Cost Rs				20.00	Lakhs	
Sl	**Description of Item**	**Unit**	**No**	**L**	**B**	**D**	**Qty**	**Rate**	**Amount**
1	KSRRB 300 - Excavation for road, drains and similar works - KSRRB 300-2. Earthwork excavation by manual means in hard soil involving an average horizontal throw upto 2 meters and an average lift upto 0.5 m, excavated surface leveled and sides neatly dressed, the disposed earth to be leveled neatly after breaking of clods complete as per specifications complete as per specifications. MORTH Chapter 3 (P.152/I.19.2 PW, P & IWTD - SR 2013-14)	Cum							
	Kirloskar layout Desilting of Drains								
	1st Main road Drain		1	426.00	0.60	0.30	76.68		
							76.68	90.72	**6956.00**
	Basic Rate	84.00							
	Add Area Weightage 8%	6.72							
	Total	**90.72**							
2	Removing B.S.Slab of drain and stacking etc., complete Page No. 28/ Item No. 5.32/ PWD SR 2013-14	**Sqm**							
	1st Main road Drain		1	426.00	0.90		383.40		
		Consider 60% Qty					230.04		
	Basic Rate	46.40					**230.04**	50.11	**11528.00**
	Add Area Weightage 8%	3.71							
	Total	**50.11**							
3	KSRB 4-1.3: Providing and laying in position plain cement concrete of mix M7.5 with OPC cement @180 kgs, with 40mm and down size graded granite metal coarse aggregates @0.85cum and fine aggregates @0.57cum machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation and plinth, including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1, 4.2 (P.12/I.4.3) PWD - SR 2013-14)	Cum							
	1st Main road Drain		1	426.00	0.50	0.15	31.95		
			2	426.00	0.30	0.15	38.34		
	Basic Rate	3973.00					**70.29**	4290.84	**301603.00**
	Add Area Weightage 8%	317.84							
	Total	**4290.84**							
4	KSRB 4-1.6: Providing and laying in position plain cement concrete of mix M15 with OPC cement @240 kgs, with 20mm and down size graded granite metal coarse aggregates @0.878cum and fine aggregates @0.459cum, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation and plinth, including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1, 4.2 (P.12/I.4.6) PW, P & IWTD - SR 2013-14)	Cum							
	1st Main road Drain		1	426.00	0.50	0.08	15.98		
			2	426.00	0.20	0.10	17.04		
	Basic Rate	4425.00					**33.02**	4779.00	**157779.00**

	Add Area Weightage 8%	354.00							
	Total	**4779.00**							
5	Refixing stone slabs of drains and pointing in CM 1:3 etc complete Page No. 28/ Item No.5.33/ PWD SR 2013-14	**Sqm**							
		Qty Vide Iteam No 2					**230.04**		
	Basic Rate	64.85					230.04	70.04	**16112.00**
	Add Area Weightage 8%	5.19							
	Total	**70.04**							
6	Providing Granite slabs selected quality roughly dressed and fixed in cement mortar (1:6) including fixing curing etc., complete 7.5 thick (P. 27 I. 5.31.1) Page No. 28/ Item No. 5.31/ PWD SR 2013-14	**Sqm**							
	1st Main road Drain		1	426.00	-	0.90	**383.40**		
		Deduct Availabe Qty Vide Iteam No 2					**230.04**		
	Basic Rate	318.00					153.36	343.44	**52670.00**
	Area Weightage 8%	25.44							
	Total	**343.44**							
7	KSRB 5-14 : Providing and constructing precast **concrete solid blocks** with compressive strength not les than 35 Kg/sqm with cement mortar 1:4 masonry (quoin, Jamb, closer blocks) with solid concrete blocks of size **40x20x20** cms conforming to I.S: 2185/1965 in superstructure including cost of materials, labour charges, scaffolding, curing complete as per specifications. **Page No. 27/ Item No. 5.27/ PWD SR 2013-14**	**Sqm**							
	1st Main road Drain		2	426.00	0.40		340.80		
	Basic Rate	856.00					**340.80**	924.48	**315063.00**
	Add Area Weightage 8%	68.48							
	Total	**924.48**							
8	Providing & fixing pre cast **solid concrete Kerb** stones made out of CC 1:2:4 of size 450x200x400 mm and finished with CM 1:3 plastering and finishing cutting etc., complete of size 450x20x400 mm Page No. 28/ Item NO. 5.29/1, PWD SR 2013-14	**No**							
	Length/0.45=0.00		1	947			946.67	316.44	**299563.00**
	Basic Rate	293.00							
	Area Weightage 8%	23.44							
	Total	**316.44**							
9	Supplying and fixing precast rainforced concee slab 10cm thick including cost of reinforcement as per design and drawing material cost, transportation, hire charges of machinery, machine cutting the vertical face to get plain even surface stc., complete with all leads and lift conveyance charges, labour charges inclusive of cost of all materials.	Sqm							
			1	426.00	0.90		383.40		
	Data Rates Approved by CE DZ						**383.40**	1600.00	**613440.00**
10	Disposal of debris to the final place of disposal with all lead and lift and as direction by the engineer in charge of the work, lead 4 Km a) Basic rate for haulage of materials as per item No. 17.4/KSRRB : M100-4.1 ..... Rs. 2.00 Tonne/Km b) Average earth of work 1.28 Tonne/Km for Rs. 2.00/Km c) Add loading and unloading **Page No. 150 Item No. 17.1 PWD SR 2013-14**	Cum							

			Qty Vide Item No. 1				85.50	78.24	6689.00
	2 x 1.28 x 4 Kmtrs	10.24							
		62.20							
	Basic Rate	72.44							
	Add Area Weightage 8%	5.80							
	Total	78.24							
11	For Quality Control Report Charges1% of the Estimate Cost								20000
12	Miscellaneous and UnforessenCharges								3808
								Total	2000000.00

(Rupees. Twenty Lakhs Only)

CERTIFICATE:-

1 The Work spot has been inspected and the work is found to be necessary
2 The Estimate is prepared as per the PW,P & IWTD -SR-2013-14
3 The Provision made in estimate are adequate and essential.
4 This area comes under BBMP limits.

Assistant Engineer
Ward-14

Assistant Executive Engineer
T. Dasarahalli Sub-Division
B.B.M.P

Executive Engineer
Dasarahalli Division
B.B.M.P. Bangalore.

A/S

AC(DH)AS 891/13-14 ದಿನಾಂಕ : 04/03/14

20.00 Lakhs (Rupees Twenty Lakhs only)

Page No. 005
Sl. No. 891

CE/DZ/TS/37/14-15 ದಿನಾಂಕ : 20/5/2014

No. pg: 68

20.00 Lakhs (Rupees Twenty Lakhs only)

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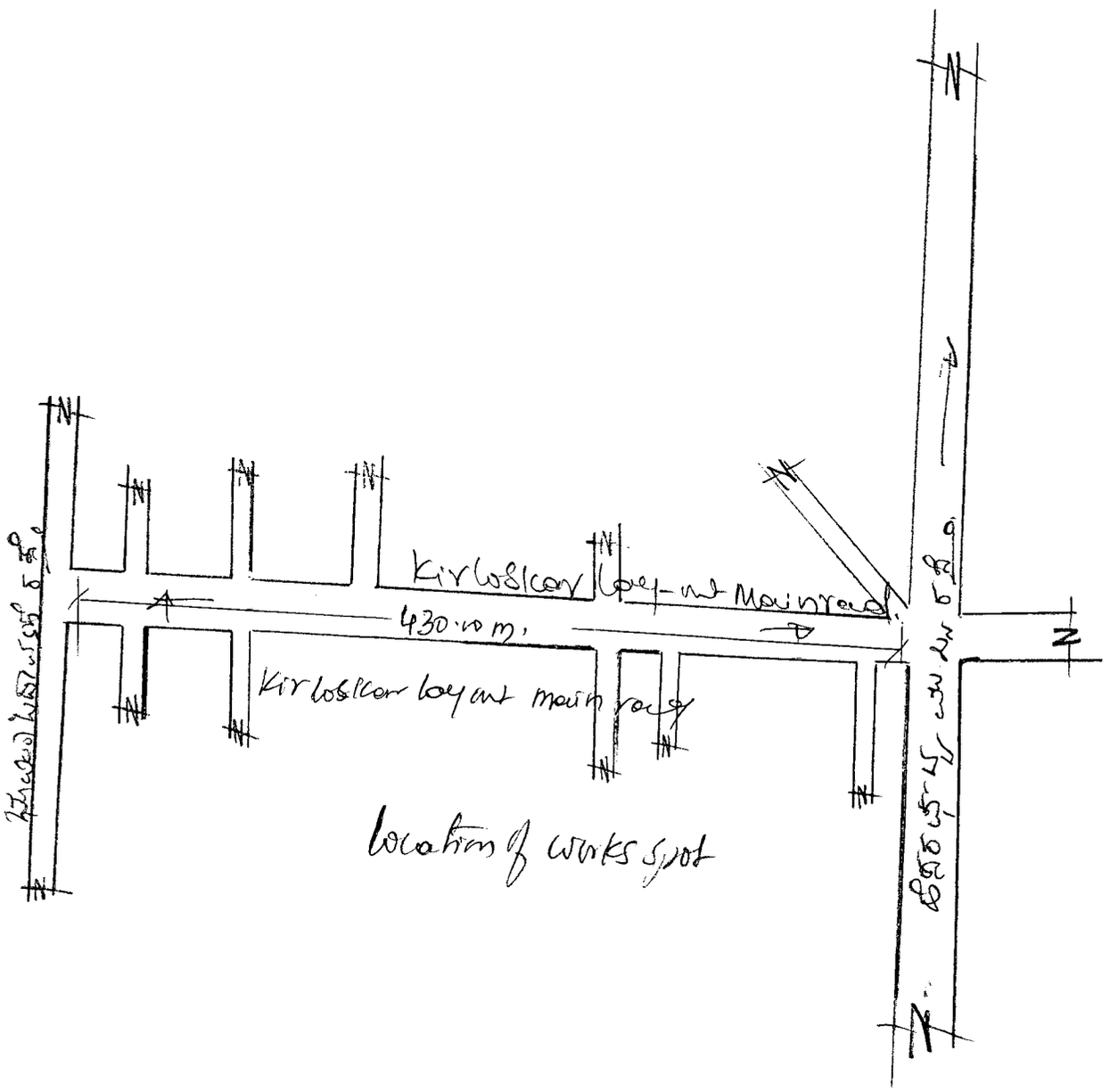
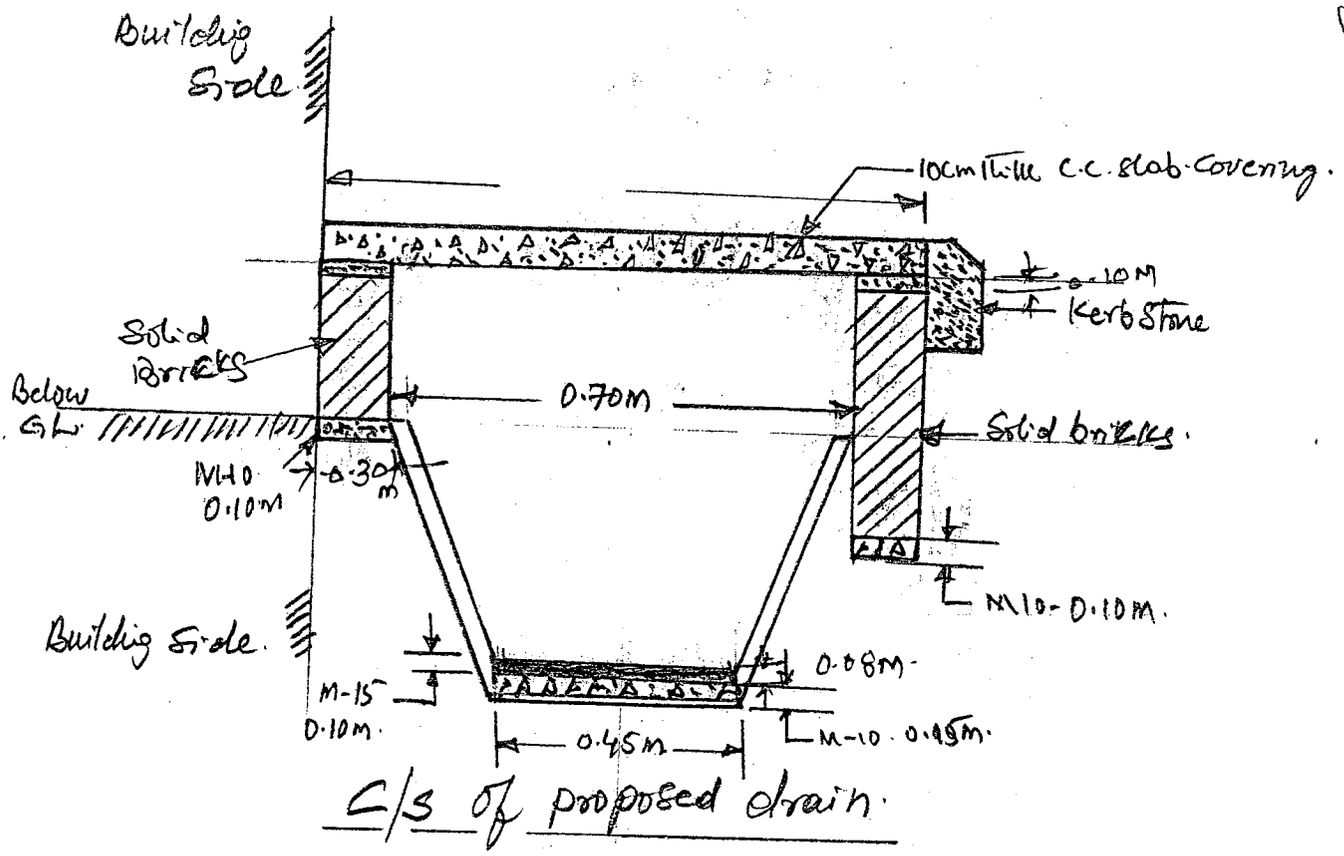
Name of work: Re-construction of Drains at 2nd main Road Kirloskar lay-out in ward no. 14

N



ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಟಿ. ದಾಸರಹಳ್ಳಿ ಉಪ ವಿಭಾಗ
ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ
ಜಾಗಲಗುಂಟೆ, ಬೆಂಗಳೂರು - 560 073

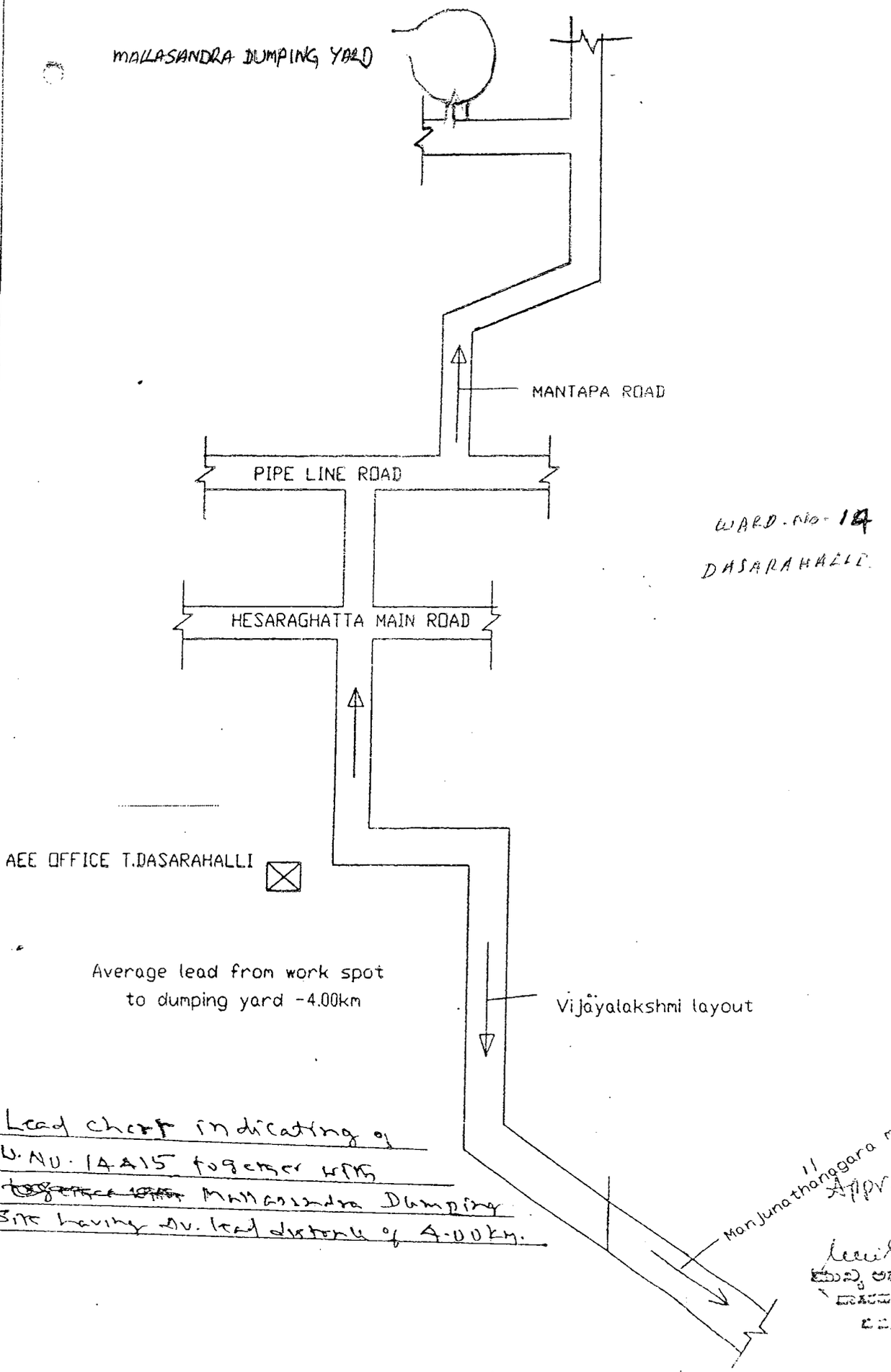
4



C/S of proposed drain.

ಕಾರ್ಯಪಾಲಕ ಎಂಜಿನಿಯರ್ ಅವರ ಕಛೇರಿ
ಆ. ಬಾನಸವಾಡಿ ಉಪ ವಿಭಾಗ
ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ
ಹಾಗಲಗುಂಟೆ, ಬೆಂಗಳೂರು - 560 073

LEAD CHART FOR TRANSPORTING SILT FROM WORK SPOT TO DUMPING YARD



Lead chart indicating of W.No. 14 & 15 together with Mallasandra Dumping Site having Av. lead distance of 4.00 km.

"Approved"

Assist. Engineer
Ward no.14 & 15

Assist. Executive Engineer
T.Dasarahalli Sub Division
BBMP

Executive Engineer
Dasarahalli Divison-1
BBMP